Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
Data File : BG061017.D
Acq On : 23 Apr 2024 21:26
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 24 00:18:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	29022	20.000	ng		0.00
21) Naphthalene-d8	10.737	136	106509	20.000	ng	#	0.00
39) Acenaphthene-d10	14.574	164	83771	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	200754	20.000	ng		0.00
76) Chrysene-d12	21.583	240	198609	20.000	ng		0.00
86) Perylene-d12	24.709	264	241991	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.537	112	119038	82.966	ng		0.00
7) Phenol-d6	7.118	99	160518	75.402	ng		0.00
23) Nitrobenzene-d5	9.098	82	172524	72.776	ng		0.00
42) 2,4,6-Tribromophenol	16.060	330	135352	73.579	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	490626	81.058	ng		0.00
79) Terphenyl-d14	19.938	244	981046	76.674	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.469	88	20948	42.186	ng		95
3) Pyridine	3.851	79	63270	41.221	ng		96
4) n-Nitrosodimethylamine	3.769	42	56781	41.131	ng	#	95
6) Aniline	7.271	93	91661	35.825	ng		96
8) 2-Chlorophenol	7.512	128	66727	37.325	ng		99
9) Benzaldehyde	7.083	77	41612	38.002	ng		96
10) Phenol	7.141	94	76611	36.222	ng		95
11) bis(2-Chloroethyl)ether	7.371	93	56036	37.031	ng		89
12) 1,3-Dichlorobenzene	7.835	146	78845	39.770	ng		95
13) 1,4-Dichlorobenzene	7.982	146	78135	38.263	ng		97
14) 1,2-Dichlorobenzene	8.299	146	75584	37.873	ng		94
15) Benzyl Alcohol	8.181	79	69552	34.603	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.469	45	111630	33.888	ng		98
17) 2-Methylphenol	8.387	107	59471	34.824	ng		95
18) Hexachloroethane	9.022	117	28725	39.038	ng		89
19) n-Nitroso-di-n-propyla...	8.751	70	51527	32.478	ng		97
20) 3+4-Methylphenols	8.716	107	80360	33.646	ng		98
22) Acetophenone	8.763	105	105220	35.379	ng	#	97
24) Nitrobenzene	9.139	77	83653	36.723	ng		96
25) Isophorone	9.662	82	134416	33.881	ng		98
26) 2-Nitrophenol	9.850	139	39589	36.978	ng		98
27) 2,4-Dimethylphenol	9.915	122	61834	36.034	ng		96
28) bis(2-Chloroethoxy)met...	10.144	93	72634	34.803	ng		97
29) 2,4-Dichlorophenol	10.391	162	74271	37.501	ng		95
30) 1,2,4-Trichlorobenzene	10.602	180	88945	40.703	ng		91
31) Naphthalene	10.790	128	223519	38.332	ng		99
32) Benzoic acid	10.062	122	47453m	36.293	ng		
33) 4-Chloroaniline	10.890	127	94035	35.500	ng		97
34) Hexachlorobutadiene	11.078	225	79424	41.329	ng		93
35) Caprolactam	11.677	113	20527	32.540	ng		97
36) 4-Chloro-3-methylphenol	12.024	107	77636	33.610	ng		98
37) 2-Methylnaphthalene	12.394	142	166838	36.390	ng		98
38) 1-Methylnaphthalene	12.617	142	155563	36.360	ng		98
40) 1,2,4,5-Tetrachloroben...	12.764	216	127188	42.724	ng		99
41) Hexachlorocyclopentadiene	12.747	237	32719	18.679	ng		92
43) 2,4,6-Trichlorophenol	13.005	196	78834	40.284	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	94557	40.848	ng		96
46) 1,1'-Biphenyl	13.405	154	223704	39.645	ng		97
47) 2-Chloronaphthalene	13.446	162	174461	40.324	ng		99
48) 2-Nitroaniline	13.646	65	63650	36.453	ng		92
49) Acenaphthylene	14.292	152	279676	38.383	ng		98
50) Dimethylphthalate	14.027	163	248031	35.906	ng		99
51) 2,6-Dinitrotoluene	14.145	165	53116	36.851	ng		97
52) Acenaphthene	14.639	154	168818	38.130	ng		95
53) 3-Nitroaniline	14.474	138	50688	35.664	ng		95
54) 2,4-Dinitrophenol	14.680	184	12347	17.799	ng		95
55) Dibenzofuran	14.973	168	288044	37.676	ng		99
56) 4-Nitrophenol	14.785	139	37440	36.770	ng		97
57) 2,4-Dinitrotoluene	14.932	165	76058	36.638	ng		96
58) Fluorene	15.620	166	237858	36.860	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.203	232	88169	37.738	ng		97
60) Diethylphthalate	15.396	149	238794	35.102	ng		98
61) 4-Chlorophenyl-phenyle...	15.614	204	145667	36.601	ng		97
62) 4-Nitroaniline	15.637	138	53822	35.120	ng		95
63) Azobenzene	15.908	77	197408	35.676	ng		96
65) 4,6-Dinitro-2-methylph...	15.702	198	25157	20.295	ng		96
66) n-Nitrosodiphenylamine	15.831	169	218983	39.593	ng		97
67) 4-Bromophenyl-phenylether	16.513	248	105184	39.700	ng		95
68) Hexachlorobenzene	16.630	284	117956	40.306	ng		97
69) Atrazine	16.783	200	80919	39.091	ng		97
70) Pentachlorophenol	16.971	266	78306	40.806	ng		98
71) Phenanthrene	17.365	178	384600	37.532	ng		98
72) Anthracene	17.453	178	397046	37.622	ng		98
73) Carbazole	17.723	167	326715	37.276	ng		99
74) Di-n-butylphthalate	18.293	149	391770	36.816	ng		100
75) Fluoranthene	19.374	202	514178	37.809	ng		97
77) Benzidine	19.556	184	178359	48.467	ng		100
78) Pyrene	19.738	202	514442	38.041	ng		97
80) Butylbenzylphthalate	20.631	149	170875	37.910	ng		95
81) Benzo(a)anthracene	21.560	228	539695	38.651	ng		98
82) 3,3'-Dichlorobenzidine	21.478	252	192659	38.178	ng		99
83) Chrysene	21.630	228	506255	38.081	ng		99
84) Bis(2-ethylhexyl)phtha...	21.489	149	245876	37.520	ng		98
85) Di-n-octyl phthalate	22.670	149	407002	37.409	ng		99
87) Indeno(1,2,3-cd)pyrene	28.258	276	615561	36.669	ng	#	56
88) Benzo(b)fluoranthene	23.722	252	510944	37.259	ng		99
89) Benzo(k)fluoranthene	23.787	252	523963	37.849	ng		96
90) Benzo(a)pyrene	24.562	252	504688	38.022	ng		99
91) Dibenzo(a,h)anthracene	28.322	278	536001	39.081	ng		99
92) Benzo(g,h,i)perylene	29.362	276	472366m	34.735	ng		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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